

We claim:

1. A method for treating fungal infections in a mammal, comprising administering a therapeutically effective amount of a composition comprising 5 amphotericin B and a pharmaceutically acceptable carrier, wherein the amphotericin B is substantially pure.
2. The method of claim 1, wherein the amphotericin B is greater than about 96% pure.
- 10 3. The method of claim 1, wherein the amphotericin B is greater than about 98% pure.
4. The method of claim 1, wherein said pharmaceutically acceptable carrier is a 15 lipid carrier.
5. The method of claim 1, wherein the administering step is intravenous.
6. A pharmaceutical composition, comprising substantially pure amphotericin B 20 and a pharmaceutically acceptable carrier.
7. The composition of claim 6, wherein the amphotericin is greater than about 96% pure.
- 25 8. The composition of claim 6, wherein the amphotericin is greater than about 98% pure.
9. A pharmaceutical composition comprising an amphotericin B formulation, wherein the amphotericin B formulation comprises no greater than about 4% by 30 weight of impurities.
10. A method of treating fungal infections in a mammal, comprising:

providing an amphotericin B composition;
isolating impurities from said amphotericin B composition to form substantially pure amphotericin B;
forming a pharmaceutical composition with said substantially pure amphotericin B; and
5 administering a therapeutically effective amount of said pharmaceutical composition to said mammal.

11. The method of claim 10, wherein said isolation step comprises high pressure liquid chromatography fractionation.
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12. The method of claim 10, wherein the substantially pure amphotericin B is greater than about 96% pure.

15 13. The method of claim 10, wherein the substantially pure amphotericin B is greater than about 98% pure.

14. The method of claim 10, wherein the forming a pharmaceutical composition step of comprises lipid carrier encapsulation of the highly purified amphotericin B.
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15. The method of claim 10, wherein said administering step is intravenous.

16. A method of treating fungal infections in a mammal, comprising:
providing an amphotericin B product;
25 filtering said amphotericin B product to isolate impurities and form at least 96% pure amphotericin B;
forming a pharmaceutical composition with said at least 96% pure amphotericin B; and
administering a therapeutically effective amount of said pharmaceutical composition to said mammal.
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